```
EEEEEEEEEEEEEEE  DDDDDDDDDDD     TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD    TTTTTTTTTTTTTTT
EEE              DDD         DDD      TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEEEEEEEEEEE     DDD          DDD     TTT
EEEEEEEEEEEE     DDD          DDD     TTT
EEEEEEEEEEEE     DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEE              DDD          DDD     TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDD         TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD        TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD        TTT
EEEEEEEEEEEEEEE  DDDDDDDDDDDD        TTT
```

```
IIIIII    NN      NN    IIIIII    TTTTTTTTTT
IIIIII    NN      NN    IIIIII    TTTTTTTTTT
  II      NN      NN      II        TT
  II      NN      NN      II        TT
  II      NNNN    NN      II        TT
  II      NNNN    NN      II        TT
  II      NN  NN  NN      II        TT
  II      NN  NN  NN      II        TT
  II      NN    NNNN      II        TT
  II      NN    NNNN      II        TT
  II      NN      NN      II        TT        ....
  II      NN      NN      II        TT        ....
IIIIII    NN      NN    IIIIII      TT        ....
IIIIII    NN      NN    IIIIII      TT        ....

LL            IIIIII      SSSSSSSS
LL            IIIIII      SSSSSSSS
LL              II      SS
LL              II      SS
LL              II      SS
LL              II        SSSSSS
LL              II        SSSSSS
LL              II              SS
LL              II              SS
LL              II              SS
LL              II              SS
LLLLLLLLLL    IIIIII    SSSSSSSS
LLLLLLLLLL    IIIIII    SSSSSSSS
```

```
;  1     0001  0 %TITLE 'EDT$INIT - initialize'
;  2     0002  0 MODULE EDT$INIT (                       ! Initialize
;  3     0003  0                 IDENT = 'V04-000'               ! File: INIT.BLI Edit: JBS1054
;  4     0004  0                 ) =
;  5     0005  1 BEGIN
;  6     0006  1 !
;  7     0007  1 !**********************************************************************
;  8     0008  1 !*                                                                    *
;  9     0009  1 !*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                           *
; 10     0010  1 !*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.            *
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; 15     0015  1 !*  INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR  ANY  OTHER  *
; 16     0016  1 !*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY  *
; 17     0017  1 !*  OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY  *
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; 19     0019  1 !*                                                                    *
; 20     0020  1 !*  THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE  *
; 21     0021  1 !*  AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT  *
; 22     0022  1 !*  CORPORATION.                                                       *
; 23     0023  1 !*                                                                    *
; 24     0024  1 !*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS  *
; 25     0025  1 !*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.            *
; 26     0026  1 !*                                                                    *
; 27     0027  1 !*                                                                    *
; 28     0028  1 !**********************************************************************
; 29     0029  1 !
; 30     0030  1
; 31     0031  1 !++
; 32     0032  1 ! FACILITY:     EDT -- The DEC Standard Editor
; 33     0033  1 !
; 34     0034  1 ! ABSTRACT:
; 35     0035  1 !
; 36     0036  1 !       Initialize EDT
; 37     0037  1 !
; 38     0038  1 ! ENVIRONMENT:  Runs at any access mode - AST reentrant
; 39     0039  1 !
; 40     0040  1 ! AUTHOR: Bob Kushlis, CREATION DATE: August 6, 1979
; 41     0041  1 !
; 42     0042  1 ! MODIFIED BY:
; 43     0043  1 !
; 44     0044  1 ! 1-001 - Original.  DJS 18-FEB-1981.  This module was created by
; 45     0045  1 !       extracting routine EDT$$INIT  from module TINPUT.
; 46     0046  1 ! 1-002 - Regularized the headers and arranged to call EDT$$FATAL_IOERR  for I/O errors.  JBS 19-Feb-1981
; 47     0047  1 ! 1-003 - Changed from IO_STS and IO_FNF to EDT$$G_IOFI_NFND .  JBS 19-Feb-1981
; 48     0048  1 ! 1-004 - Fixed module and file name.  JBS 04-Mar-1981
; 49     0049  1 ! 1-005 - Fix the file name.  JBS 11-Mar-1981
; 50     0050  1 ! 1-006 - Use new message codes.  JBS 04-Aug-1981
; 51     0051  1 ! 1-007 - Check for storage exhausted when defining the permanent buffers, and return
; 52     0052  1 !           a value rather than printing a message if the primary input file is not found.  JBS 16-Aug-1981
; 53     0053  1 ! 1-008 - Initialization moved from EDT$DATA to here.  STS 05-Nov-1981
; 54     0054  1 ! 1-009 - Add some initialization of the TBCB for the main buffer.  (a bug
; 55     0055  1 !       surfaced where the cur_line was not zero.)  STS 13-Nov-1981
; 56     0056  1 ! 1-010 - Change this to initialize everything necessary for sharable
; 57     0057  1 !           image.  STS 17-Nov-1981
```

```
;    58          0058  1 ! 1-011 - Initialize the control C data by calling EDT$$CLR_CC.  JBS 29-Dec-1981
;    59          0059  1 ! 1-012 - Convert to fileio to open input file. STS 06-Jan-1982
;    60          0060  1 ! 1-013 - Remove reference to edt$$z_sys_prirab. STS 22-Jan-1982
;    61          0061  1 ! 1-014 - Autorepeat is initially on.  JBS 30-Jan-1982
;    62          0062  1 ! 1-015 - Initialize EDT$$G_ENB_AUTRPT.  JBS 11-Feb-1982
;    63          0063  1 ! 1-016 - Use routine edt$workio to open workfile. STS 08-Feb-1982
;    64          0064  1 ! 1-017 - Initialize descriptor EDT$$Z_WF_DESC. STS 15-Feb-1982
;    65          0065  1 ! 1-018 - Add literals needed for callable EDT. STS 08-Mar-1982
;    66          0066  1 ! 1-019 - Initialize line number correctly. STS 10-Mar-1982
;    67          0067  1 ! 1-020 - Change EDT$$G_CMD and EDT$$G_JOU to EDT$$V_OPTIONS.  JBS 18-Mar-1982
;    68          0068  1 ! 1-021 - The file I/O routine returns a status code.  Watch for EDT$_NONSTDFIL.
;    69          0069  1 !         JBS 26-Mar-1982
;    70          0070  1 ! 1-022 - Correct a typo in non-standard file handling.  JBS 27-Mar-1982
;    71          0071  1 ! 1-023 - Don't clear EDT$$G_EIGHT_BIT.  JBS 05-Apr-1982
;    72          0072  1 ! 1-024 - Set up input file open flag. STS 07-Apr-1982
;    73          0073  1 ! 1-025 - Don't initialaze the TBCBs -- now done by EDT$$GET_BUFPTR.  JBS 08-Apr-1982
;    74          0074  1 ! 1-026 - Initialize EDT$$G_JOU_VALID.  JBS 09-Apr-1982
;    75          0075  1 ! 1-027 - Improve the message if the primary input file cannot be opened.  JBS 03-Jun-1982
;    76          0076  1 ! 1-028 - Pass the default file name in the RHB parameter.  JBS 15-Jun-1982
;    77          0077  1 ! 1-029 - Set EDT$$G_CHM_FRST_ENTRY to 1 for callable EDT.  SMB 01-Jul-1982
;    78          0078  1 ! 1-030 - Initialize EDT$$G_LASTMSG, remove EDT$$G_CHM_FRST_ENTRY.  JBS 05-JUL-1982
;    79          0079  1 ! 1-031 - Take out reference to PRTC prompt. STS 07-Jul-1982
;    80          0080  1 ! 1-032 - Save original terminal width. STS 08-Jul-1982
;    81          0081  1 ! 1-033 - Change the line mode insert prompt.  SMB 14-Jul-1982
;    82          0082  1 ! 1-034 - Remove EDT$$A_STR_CMP.  JBS 19-Jul-1982
;    83          0083  1 ! 1-035 - Add initialization of select range. STS 06-Aug-1982
;    84          0084  1 ! 1-036 - Move open input file first and get out if not found and
;    85          0085  1 !         nocreate. STS 10-Aug-1982
;    86          0086  1 ! 1-037 - New implementation of defined keys.  JBS 12-Aug-1982
;    87          0087  1 ! 1-038 - Make use of the bit masks in the options word. STS 17-Aug-1982
;    88          0088  1 ! 1-039 - Fix up references to EDT$M_.  JBS 23-Aug-1982
;    89          0089  1 ! 1-040 - Zero out the help file open flag. STS 27-Aug-1982
;    90          0090  1 ! 1-041 - Call EDT$$INIT_IO.  JBS 27-Aug-1982
;    91          0091  1 ! 1-042 - Initialize EDT$$G_ENB_AUTRPT in the terminal initialization.  JBS 02-Sep-1982
;    92          0092  1 ! 1-043 - Initialize some screen structure globals.  SMB 10-Oct-1982
;    93          0093  1 ! 1-044 - Initialize the keypad translation table.  JBS 17-Oct-1982
;    94          0094  1 ! 1-045 - New handling of EDT$$G_SCR_REBUILD.  JBS 21-Oct-1982
;    95          0095  1 ! 1-046 - Make edt$$wf_desc static not dynamic descriptor. STS 11-Nov-1982
;    96          0096  1 ! 1-047 - Initialize EDT$$A_OLD_SEL.  JBS 02-Dec-1982
;    97          0097  1 ! 1-048 - Remove reference to EDT$$T_EXE_LNO.  JBS 14-Dec-1982
;    98          0098  1 ! 1-049 - Initialize EDT$$G_CS_LNO.  JBS 29-Dec-1982
;    99          0099  1 ! 1-050 - Initialize EDT$$G_TOP_SCREG, EDT$$G_BOT_SCREG.  SMB 11-Jan-1983
;   100          0100  1 ! 1-051 - Initialize EDT$$G_RECSCRUPD.  JBS 27-Jan-1983
;   101          0101  1 ! 1-052 - Add conditionals for WPS support.  JBS 10-Feb-1983
;   102          0102  1 ! 1-053 - Defer non-standard message if no output file specified.  JBS 24-Mar-1983
;   103          0103  1 ! 1-054 - Initialize EDT$$G_TAB_SIZ and EDT$$G_TAB_LVL.  JBS 16-Sep-1983
;   104          0104  1 !--
;   105          0105  1
```

```
;  107          0106  1 %SBTTL 'Declarations'
;  108          0107  1 !
;  109          0108  1 ! TABLE OF CONTENTS:
;  110          0109  1 !
;  111          0110  1
;  112          0111  1 REQUIRE 'EDTSRC:TRAROUNAM';
;  113          0550  1
;  114          0551  1 FORWARD ROUTINE
;  115          0552  1     EDT$$INIT;
;  116          0553  1
;  117          0554  1 !
;  118          0555  1 ! INCLUDE FILES:
;  119          0556  1 !
;  120          0557  1
;  121          0558  1 REQUIRE 'EDTSRC:EDTREQ';
;  122          0693  1
;  123        L 0694  1 %IF %BLISS (BLISS32)
;  124          0695  1 %THEN
;  125          0696  1
;  126          0697  1 REQUIRE 'EDTSRC:SYSSYM';
;  127          0727  1
;  128          0728  1 %FI
;  129          0729  1
;  130          0730  1 LIBRARY 'EDTSRC:SUPPORTS';
;  131          0731  1
;  132          0732  1 LIBRARY 'EDTSRC:KEYPADDEF';
;  133          0733  1
;  134          0734  1 !
;  135          0735  1 ! MACROS:
;  136          0736  1 !
;  137          0737  1 !       NONE
;  138          0738  1 !
;  139          0739  1 ! EQUATED SYMBOLS:
;  140          0740  1 !
;  141          0741  1 !       NONE
;  142          0742  1 !
;  143          0743  1
;  144          0744  1 LITERAL
;  145          0745  1     NO_SELECT = -1;
;  146          0746  1
;  147          0747  1 !
;  148          0748  1 !
;  149          0749  1 ! OWN STORAGE:
;  150          0750  1 !
;  151          0751  1 !       NONE
;  152          0752  1 !
;  153          0753  1 ! EXTERNAL REFERENCES:
;  154          0754  1 !
;  155          0755  1 !       In the routine
```

```
;  157          0756  1 %SBTTL 'EDT$$INIT  - Initialize EDT'
;  158          0757  1
;  159          0758  1 GLOBAL ROUTINE EDT$$INIT                        ! Initialize EDT
;  160          0759  1     =
;  161          0760  1
;  162          0761  1 !++
;  163          0762  1 ! FUNCTIONAL DESCRIPTION:
;  164          0763  1 !
;  165          0764  1 !       Initialize EDT
;  166          0765  1 !
;  167          0766  1 ! FORMAL PARAMETERS:
;  168          0767  1 !
;  169          0768  1 !       NONE
;  170          0769  1 !
;  171          0770  1 ! IMPLICIT INPUTS:
;  172          0771  1 !
;  173          0772  1 !       EDT$$L_LNO_EMPTY
;  174          0773  1 !       EDT$$A_CUR_BUF
;  175          0774  1 !       EDT$$A_INP_NAM
;  176          0775  1 !       EDT$$G_INP_NAMLEN
;  177          0776  1 !       EDT$$G_IOFI_NFND
;  178          0777  1 !
;  179          0778  1 ! IMPLICIT OUTPUTS:
;  180          0779  1 !
;  181          0780  1 !       Most of EDT's global variables
;  182          0781  1 !
;  183          0782  1 ! ROUTINE VALUE:
;  184          0783  1 !
;  185          0784  1 !       0                       Primary input file was not found
;  186          0785  1 !       1                       Primary input file was found
;  187          0786  1 !       2                       Primary input file does not have standard text format
;  188          0787  1 !       3                       Primary input file open failure or other fatal error--abort
;  189          0788  1 !
;  190          0789  1 ! SIDE EFFECTS:
;  191          0790  1 !
;  192          0791  1 !       Initializes most variables.
;  193          0792  1 !       Opens the work file and terminal.
;  194          0793  1 !       Establishes the MAIN and PASTE buffers, or fails.
;  195          0794  1 !       Any I/O errors are fatal.
;  196          0795  1 !
;  197          0796  1 !--
;  198          0797  1
;  199          0798  2     BEGIN
;  200          0799  2
;  201          0800  2     EXTERNAL ROUTINE
;  202          0801  2         EDT$$CALLWIO,                          ! sets up handler and calls general work routine
;  203          0802  2         EDT$$CALLFIO,                          ! sets up handler and calls file routine
;  204          0803  2         EDT$$FMT_MSG,
;  205          0804  2         EDT$$FATAL_IOERR : NOVALUE,
;  206          0805  2         EDT$$TI_OPN,
;  207          0806  2         EDT$$ALO_HEAP,                         ! allocate heap storage for strings
;  208          0807  2         EDT$$GET_BUFPTR,
;  209          0808  2         EDT$$FND_BUF,
;  210          0809  2         EDT$$NEW_BUF,
;  211          0810  2         EDT$$CLR_CC : NOVALUE,                 ! Clear control C state
;  212          0811  2         EDT$$FIOPN_ERR : NOVALUE,              ! Report a file open error
;  213          0812  2         EDT$$INIT_IO : NOVALUE;                ! Initialize the I/O system
```

```
;  214     0813  2
;  215     0814  2      EXTERNAL LITERAL
;  216     0815  2          EDT$M_RECOVER,                  ! /RECOVER specified
;  217     0816  2          EDT$M_NOOUTPUT,                 ! /NOOUTPUT or /READ_ONLY specified
;  218     0817  2          EDT$M_NOCREATE,                 ! /NOCREATE specified
;  219     0818  2          EDT$K_OPEN_IN_OUT,
;  220     0819  2          EDT$K_OPEN_INPUT,
;  221     0820  2          EDT$K_INPUT_FILE;
;  222     0821  2
;  223   L 0822  2  %IF %BLISS (BLISS32)
;  224     0823  2  %THEN
;  225     0824  2
;  226     0825  2      EXTERNAL ROUTINE
;  227     0826  2          STR$FREE1_DX;
;  228     0827  2
;  229     0828  2  %FI
;  230     0829  2
;  231     0830  2      EXTERNAL
;  232     0831  2          EDT$$G_TOP_SCREG,               ! Top of scrolling region
;  233     0832  2          EDT$$G_BOT_SCREG,               ! Bottom of scrolling region
;  234     0833  2          EDT$$L_LNO_EMPTY : LN_BLOCK,    ! Empty record
;  235     0834  2          EDT$$L_TOP_LN : LN_BLOCK,       ! Top screen record
;  236     0835  2          EDT$$A_EOB_SCRPTR,              ! End of buffer screen pointer
;  237     0836  2          EDT$$A_FST_SCRPTR,              ! First screen pointer
;  238     0837  2          EDT$$G_LASTMSG,                 ! The last message printed
;  239     0838  2          EDT$$G_INPUT_OPN,               ! input file open flag
;  240     0839  2          EDT$$G_CMD_OPN,                 ! command file open flag
;  241     0840  2          EDT$$A_CUR_BUF : REF TBCB_BLOCK,! Current text buffer control block.
;  242     0841  2          EDT$$A_INP_NAM,                 ! Name of input file.
;  243     0842  2          EDT$$G_HELP_SET,                ! Flag to indicate help file opened
;  244     0843  2          EDT$$G_INP_NAMLEN,              ! Length of input file name.
;  245     0844  2          EDT$$A_PRV_BUF,                 ! Previous tbcb.
;  246     0845  2          EDT$$A_PST_BUF,                 ! Paste buffer tbcb.
;  247     0846  2          EDT$$G_EDIT_MOD,
;  248     0847  2          EDT$$A_SEL_BUF,                 ! address of select buffer
;  249     0848  2          EDT$$A_OLD_SEL,                 ! Address of previous select buffer
;  250     0849  2          EDT$$G_EDIT_DFLTMOD,
;  251     0850  2          EDT$$G_SAV_CNT,
;  252     0851  2          EDT$$G_EXITD,
;  253     0852  2          EDT$$A_OUT_NAM,
;  254     0853  2          EDT$$G_PRV_LN,
;  255     0854  2          EDT$$A_TIN_IBUFPTR,
;  256     0855  2          EDT$$G_OUT_NAMLEN,
;  257     0856  2          EDT$$A_CMD_NAM,
;  258     0857  2          EDT$$G_NOS,
;  259     0858  2          EDT$$G_CAS_FLG,
;  260     0859  2          EDT$$G_EXCT_MATCH,
;  261     0860  2          EDT$$G_SEA_BEG,
;  262     0861  2          EDT$$G_SEA_BNDD,
;  263     0862  2          EDT$$G_QUIET,
;  264     0863  2          EDT$$G_RPT,
;  265     0864  2          EDT$$G_FNF_MSGFLG,
;  266     0865  2          EDT$$G_VFY,
;  267     0866  2          EDT$$G_TRUN,
;  268     0867  2          EDT$$G_TI_WID,
;  269     0868  2          EDT$$G_SAV_TIWID,
;  270     0869  2          EDT$$A_BUF_LST,
```

```
;  271          0870  2          EDT$$G_KPAD,
;  272          0871  2          EDT$$G_WD_WRAP,
;  273          0872  2          EDT$$G_SCLL_TOP,
;  274          0873  2          EDT$$G_SCLL_BOT,
;  275          0874  2          EDT$$G_SCR_CNS,
;  276          0875  2          EDT$$G_CS_CNO,
;  277          0876  2          EDT$$G_SCR_REBUILD,
;  278          0877  2          EDT$$G_RECS_INSERTED,
;  279          0878  2          EDT$$A_US_ENT : VECTOR,
;  280          0879  2          EDT$$A_US_TXT : VECTOR,
;  281          0880  2          EDT$$G_TXT_ONSCR,
;  282          0881  2          EDT$$G_INP_CNT,
;  283          0882  2          EDT$$G_RCOV_MOD,
;  284          0883  2          EDT$$G_SHF,
;  285          0884  2          EDT$$G_TAB_SIZ,
;  286          0885  2          EDT$$G_TAB_LVL,
;  287          0886  2          EDT$$G_LN_CHGD,
;  288          0887  2          EDT$$G_MSGFLG,
;  289          0888  2          EDT$$G_DIR_MOD,
;  290          0889  2          EDT$$A_SEL_POS,
;  291          0890  2
;  292        L 0891  2      %IF SUPPORT_WPS
;  293          0892  2      %THEN
;  294          0893  2          EDT$$G_DFLT_VERB,
;  295          0894  2          EDT$$G_SUMRY,
;  296          0895  2          EDT$$G_WRDTYP,
;  297          0896  2          EDT$$G_PARTYP,
;  298          0897  2      %FI
;  299          0898  2
;  300          0899  2          EDT$$G_TRN_TBLINIT,
;  301          0900  2          EDT$$G_K_AUTRPT,
;  302          0901  2          EDT$$G_RDAHED,
;  303          0902  2          EDT$$G_WK_AVAIL,
;  304          0903  2          EDT$$G_WK_CURBUK,
;  305          0904  2          EDT$$G_WK_GRTSTBUK,
;  306          0905  2          EDT$$G_WK_MODFD,
;  307          0906  2          EDT$$A_FMT_CUR,
;  308          0907  2          EDT$$G_FMT_LNPOS,
;  309          0908  2          EDT$$A_FMT_WRRUT,
;  310          0909  2          EDT$$G_PA_ABO,
;  311          0910  2          EDT$$A_PA_CURTOK,
;  312          0911  2          EDT$$G_PA_NOQUO,
;  313          0912  2          EDT$$G_TIN_OBUFPOS,
;  314          0913  2          EDT$$G_SEA_STRLEN,
;  315          0914  2          EDT$$G_SUB_STRLEN,
;  316          0915  2          EDT$$T_PMT_LINE : VECTOR,
;  317          0916  2          EDT$$T_PMT_KPD : VECTOR,
;  318          0917  2          EDT$$T_PMT_NOKPD : VECTOR,
;  319          0918  2          EDT$$T_PMT_HCCHG : VECTOR,
;  320          0919  2          EDT$$T_PMT_INS : VECTOR,
;  321          0920  2          EDT$$T_PMT_INSN : VECTOR,
;  322          0921  2          EDT$$T_PMT_QUERY : VECTOR,
;  323          0922  2          EDT$$T_FMT_BUF,
;  324          0923  2          EDT$$TI_WRCN,
;  325          0924  2          EDT$$T_CMD_BUF,
;  326          0925  2          EDT$$G_IOFI_NFND,                    ! 1 = open failed due to file not found
;  327          0926  2          EDT$$Z_WF_DESC : BLOCK [8, BYTE],
```

```
;  328     0927  2          EDT$$V_OPTIONS : BITVECTOR [32],          ! Options bits, bit 0 = /RECOVER
;  329     0928  2          EDT$$G_JOU_VALID,                         ! 1 = journal record is valid
;  330     0929  2          EDT$$A_TRN_TBL : VECTOR [K_KPAD_HASHSIZ],
;  331     0930  2          EDT$$G_RECSCRUPD,                         ! Counter for updating the screen during recovery mode
;  332     0931  2          EDT$$G_WRITE_MSG;                         ! Message on next WRITE or EXIT command
;  333     0932  2
;  334     0933  2      MESSAGES ((INSMEM, INPFILOPN, NONSTDFIL));
;  335     0934  2
;  336     0935  2      LOCAL
;  337     0936  2          LEN,
;  338     0937  2          FILE_DESC : BLOCK [8, BYTE],
;  339     0938  2          RHB_DESC : BLOCK [8, BYTE],
;  340     0939  2          NEW,
;  341     0940  2          RETURN_VALUE,
;  342     0941  2          IO_STS;
;  343     0942  2
;  344     0943  2      RETURN_VALUE = 1;                             ! Assume success
;  345     0944  2  !+
;  346     0945  2  ! on VAX/VMS we have fields defined for descriptors
;  347     0946  2  ! fill them in
;  348     0947  2  !-
;  349     0948  2
;  350   L 0949  2  %IF %BLISS (BLISS32)
;  351     0950  2  %THEN
;  352     0951  2      EDT$$Z_WF_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
;  353     0952  2      EDT$$Z_WF_DESC [DSC$B_CLASS] = DSC$K_CLASS_S;
;  354     0953  2      FILE_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
;  355     0954  2      FILE_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
;  356     0955  2      RHB_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
;  357     0956  2      RHB_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
;  358     0957  2  %FI
;  359     0958  2
;  360     0959  2      EDT$$Z_WF_DESC [DSC$A_POINTER] = 0;
;  361     0960  2      EDT$$Z_WF_DESC [DSC$W_LENGTH] = 512;
;  362     0961  2      FILE_DESC [DSC$A_POINTER] = 0;
;  363     0962  2      FILE_DESC [DSC$W_LENGTH] = 0;
;  364     0963  2      RHB_DESC [DSC$A_POINTER] = 0;
;  365     0964  2      RHB_DESC [DSC$W_LENGTH] = 0;
;  366     0965  2  !+
;  367     0966  2  ! Initialize a lot of variables.
;  368     0967  2  !-
;  369     0968  2      MOVELINE (EDT$$L_LNO_EMPTY, EDT$$L_TOP_LN);
;  370     0969  2      EDT$$A_FST_SCRPTR = 0;
;  371     0970  2      EDT$$A_EOB_SCRPTR = 0;
;  372     0971  2      EDT$$G_LASTMSG = 1;                           ! No last message
;  373     0972  2      EDT$$A_SEL_BUF = 0;                           ! No select range
;  374     0973  2      EDT$$A_OLD_SEL = 0;                           ! No previous select buffer
;  375     0974  2      EDT$$G_RCOV_MOD = ((.EDT$$V_OPTIONS AND EDT$M_RECOVER) NEQ 0);
;  376     0975  2      EDT$$G_RECSCRUPD = 0;
;  377     0976  2      EDT$$G_EDIT_MOD = LINE_MODE;
;  378     0977  2      EDT$$G_CMD_OPN = 0;
;  379     0978  2      EDT$$G_EDIT_DFLTMOD = LINE_MODE;
;  380     0979  2      EDT$$G_SAV_CNT = 3;
;  381     0980  2      EDT$$G_HELP_SET = 0;
;  382     0981  2      EDT$$G_EXITD = 0;
;  383     0982  2      EDT$$G_NOS = 1;
;  384     0983  2      EDT$$G_CAS_FLG = 0;
```

```
;  385          0984  2      EDT$$G_EXCT_MATCH = 0;
;  386          0985  2      EDT$$G_SEA_BEG = 1;
;  387          0986  2      EDT$$G_SEA_BNDD = 0;
;  388          0987  2      EDT$$G_QUIET = 0;
;  389          0988  2      EDT$$G_RPT = 1;
;  390          0989  2      EDT$$G_VFY = 0;
;  391          0990  2      EDT$$G_TRUN = 1;
;  392          0991  2      EDT$$G_TI_WID = 80;
;  393          0992  2      EDT$$A_BUF_LST = 0;
;  394          0993  2      EDT$$G_KPAD = 1;
;  395          0994  2      EDT$$G_WD_WRAP = 256;
;  396          0995  2      EDT$$G_SCLL_TOP = 7;
;  397          0996  2      EDT$$G_SCLL_BOT = 14;
;  398          0997  2      EDT$$G_SCR_CNS = 22;
;  399          0998  2  !+
;  400          0999  2  ! Set scrolling boundaries to 99 to ensure that they get set the
;  401          1000  2  ! first time thru change mode.
;  402          1001  2  !-
;  403          1002  2      EDT$$G_TOP_SCREG = 99;
;  404          1003  2      EDT$$G_BOT_SCREG = 99;
;  405          1004  2      EDT$$G_RECS_INSERTED = 0;
;  406          1005  2      EDT$$G_SCR_REBUILD = 1;
;  407          1006  2      EDT$$G_CS_CNO = -1;
;  408          1007  2      EDT$$G_TXT_ONSCR = 0;
;  409          1008  2      EDT$$G_INP_CNT = 0;
;  410          1009  2      EDT$$G_SHF = 0;
;  411          1010  2      EDT$$G_TAB_LVL = 0;
;  412          1011  2      EDT$$G_TAB_SIZ = 0;
;  413          1012  2      EDT$$G_LN_CHGD = 0;
;  414          1013  2      EDT$$G_MSGFLG = 0;
;  415          1014  2      EDT$$G_DIR_MOD = 1;
;  416          1015  2      EDT$$G_PRV_LN = 999;
;  417          1016  2      EDT$$A_SEL_POS = NO_SELECT;
;  418          1017  2
;  419        L 1018  2  %IF SUPPORT_WPS
;  420          1019  2  %THEN
;  421          1020  2      EDT$$G_DFLT_VERB = 0;
;  422          1021  2      EDT$$G_SUMRY = 1;
;  423          1022  2      EDT$$G_WRDTYP = 0;
;  424          1023  2      EDT$$G_PARTYP = 1;
;  425          1024  2  %FI
;  426          1025  2
;  427          1026  2      EDT$$G_TRN_TBLINIT = 0;
;  428          1027  2      EDT$$G_K_AUTRPT = 1;
;  429          1028  2      EDT$$G_RDAHED = 0;
;  430          1029  2      EDT$$G_WK_AVAIL = 0;
;  431          1030  2      EDT$$G_WK_CURBUK = 0;
;  432          1031  2      EDT$$G_WK_GRTSTBUK = 1;
;  433          1032  2      EDT$$G_WK_MODFD = 0;
;  434          1033  2      EDT$$G_FMT_LNPOS = 0;
;  435          1034  2      EDT$$G_PA_ABO = 0;
;  436          1035  2      EDT$$A_PA_CURTOK = EDT$$T_CMD_BUF;
;  437          1036  2      EDT$$G_PA_NOQUO = 0;
;  438          1037  2      EDT$$G_TIN_OBUFPOS = 0;
;  439          1038  2      EDT$$A_TIN_IBUFPTR = 0;
;  440          1039  2      EDT$$G_SEA_STRLEN = 0;
;  441          1040  2      EDT$$G_SUB_STRLEN = 0;
```

```
;  442          1041  2     EDT$$G_JOU_VALID = 0;
;  443          1042  2 !+
;  444          1043  2 ! Initialize the keypad translation table to all empty.
;  445          1044  2 !-
;  446          1045  2
;  447          1046  2     INCR I FROM 0 TO (K_KPAD_HASHSIZ - 1) DO
;  448          1047  2         EDT$$A_TRN_TBL [.I] = 0;
;  449          1048  2
;  450          1049  2 !+
;  451          1050  2 ! Initialize the I/O system.
;  452          1051  2 !-
;  453          1052  2     EDT$$INIT_IO ();
;  454          1053  2 !+
;  455          1054  2 ! Open the terminal.  If it fails, abort.
;  456          1055  2 !-
;  457          1056  2     EDT$$TI_OPN ();
;  458          1057  2 !+
;  459          1058  2 ! Attempt open first
;  460          1059  2 !-
;  461          1060  2     EDT$$G_INPUT_OPN = 0;
;  462          1061  2     EDT$$G_FNF_MSGFLG = 1;
;  463          1062  2     EDT$$A_FMT_CUR = EDT$$T_FMT_BUF;
;  464          1063  2     EDT$$A_FMT_WRRUT = EDT$$TI_WRLN;
;  465          1064  2     EDT$$CLR_CC ();
;  466          1065  2 !+
;  467          1066  2 ! Open the input file.
;  468          1067  2 !-
;  469          1068  2     BEGIN
;  470          1069  3
;  471          1070  3     LOCAL
;  472          1071  3         RHB_LEN,
;  473          1072  3         RHB_ADDR;
;  474          1073  3
;  475          1074  3     RHB_LEN = 0;
;  476          1075  3     RHB_ADDR = 0;
;  477          1076  3     STRING_DESC (RHB_DESC, RHB_LEN, RHB_ADDR);
;  478          1077  3     STRING_DESC (FILE_DESC, EDT$$G_INP_NAMLEN, .EDT$$A_INP_NAM);
;  479          1078  3     IO_STS = EDT$$CALL_FIO (EDT$K_OPEN_INPUT, EDT$K_INPUT_FILE, FILE_DESC, RHB_DESC);
;  480          1079  3
;  481          1080  4     IF (( NOT .IO_STS) AND (.IO_STS NEQ EDT$_NONSTDFIL))
;  482          1081  3     THEN
;  483          1082  4         BEGIN
;  484          1083  4
;  485          1084  4         IF .EDT$$G_IOFI_NFND
;  486          1085  4         THEN
;  487          1086  5             BEGIN
;  488          1087  5             RETURN_VALUE = 0;
;  489          1088  5
;  490          1089  5             IF ((.EDT$$V_OPTIONS AND EDT$M_NOCREATE) NEQ 0) THEN RETURN (0);
;  491          1090  5
;  492          1091  5             END
;  493          1092  4         ELSE
;  494          1093  5             BEGIN
;  495          1094  5             EDT$$FIOPN_ERR (EDT$_INPFILOPN, FILE_DESC);
;  496          1095  5             RETURN_VALUE = 3;
;  497          1096  4             END;
;  498          1097  4
```

```
;  499          1098  4            END
;  500          1099  3        ELSE
;  501          1100  4            BEGIN
;  502          1101  4            EDT$$G_INPUT_OPN = 1;                   ! indicate input file open
;  503          1102  4
;  504          1103  4            IF (.IO_STS EQL EDT$_NONSTDFIL) THEN RETURN_VALUE = 2;
;  505          1104  4
;  506          1105  3            END;
;  507          1106  3
;  508          1107  2        END;
;  509          1108  2    !
;  510          1109  2        CH$MOVE (4, UPLIT BYTE(3, 13, 10, '*'), EDT$$T_PMT_LINE);
;  511          1110  2        CH$MOVE (1, UPLIT BYTE(0), EDT$$T_PMT_KPD);
;  512          1111  2        CH$MOVE (1, UPLIT BYTE(0), EDT$$T_PMT_NOKPD);
;  513          1112  2        CH$MOVE (5, UPLIT BYTE(4, 13, 10, 'C', '*'), EDT$$T_PMT_HCCHG);
;  514          1113  2        CH$MOVE (15, UPLIT BYTE(14, 13, 10, '              '), EDT$$T_PMT_INS);
;  515          1114  2        CH$MOVE (3, UPLIT BYTE(2, 13, 10), EDT$$T_PMT_INSN);
;  516          1115  2        CH$MOVE (4, UPLIT BYTE(3, 13, 10, '?'), EDT$$T_PMT_QUERY);
;  517          1116  2    !+
;  518          1117  2    ! Allocate some VM for the string such as page and end text and entity specifications
;  519          1118  2    !-
;  520          1119  2        LEN = 6;
;  521          1120  2
;  522          1121  2        IF EDT$$ALO_HEAP (LEN, EDT$$A_US_TXT [0])   ! end text
;  523          1122  2        THEN
;  524          1123  2            CH$MOVE (.LEN, UPLIT BYTE(5, '[EOB]'), .EDT$$A_US_TXT [0])
;  525          1124  2        ELSE
;  526          1125  3            BEGIN
;  527          1126  3            EDT$$FMT_MSG (EDT$_INSMEM);
;  528          1127  3            RETURN (3);
;  529          1128  2            END;
;  530          1129  2
;  531          1130  2        LEN = 5;
;  532          1131  2
;  533          1132  2        IF EDT$$ALO_HEAP (LEN, EDT$$A_US_TXT [1])   ! page text
;  534          1133  2        THEN
;  535          1134  2            CH$MOVE (.LEN, UPLIT BYTE(4, '<FF>'), .EDT$$A_US_TXT [1])
;  536          1135  2        ELSE
;  537          1136  3            BEGIN
;  538          1137  3            EDT$$FMT_MSG (EDT$_INSMEM);
;  539          1138  3            RETURN (3);
;  540          1139  2            END;
;  541          1140  2
;  542          1141  2        LEN = 7;
;  543          1142  2
;  544          1143  2        IF EDT$$ALO_HEAP (LEN, EDT$$A_US_ENT [0])   ! word entity
;  545          1144  2        THEN
;  546          1145  2            CH$MOVE (.LEN, UPLIT BYTE(6, ' ', 9, 10, 11, 12, 13), .EDT$$A_US_ENT [0])
;  547          1146  2        ELSE
;  548          1147  3            BEGIN
;  549          1148  3            EDT$$FMT_MSG (EDT$_INSMEM);
;  550          1149  3            RETURN (3);
;  551          1150  2            END;
;  552          1151  2
;  553          1152  2        LEN = 4;
;  554          1153  2
;  555          1154  2        IF EDT$$ALO_HEAP (LEN, EDT$$A_US_ENT [1])   ! sent entity
```

```
;  556     1155  2          THEN
;  557     1156  2              CH$MOVE (4, UPLIT BYTE(3, '.', '!', '?'), .EDT$$A_US_ENT [1])
;  558     1157  2          ELSE
;  559     1158  3              BEGIN
;  560     1159  3              EDT$$FMT_MSG (EDT$_INSMEM);
;  561     1160  3              RETURN (3);
;  562     1161  3              END;
;  563     1162  2
;  564     1163  2          LEN = 3;
;  565     1164  2
;  566     1165  2          IF EDT$$ALO_HEAP (LEN, EDT$$A_US_ENT [2])   ! sect entity
;  567     1166  2          THEN
;  568     1167  2              CH$MOVE (3, UPLIT BYTE(2, 13, 13), .EDT$$A_US_ENT [2])
;  569     1168  2          ELSE
;  570     1169  3              BEGIN
;  571     1170  3              EDT$$FMT_MSG (EDT$_INSMEM);
;  572     1171  3              RETURN (3);
;  573     1172  3              END;
;  574     1173  2
;  575     1174  2          LEN = 2;
;  576     1175  2
;  577     1176  2          IF EDT$$ALO_HEAP (LEN, EDT$$A_US_ENT [3])   ! page entity
;  578     1177  2          THEN
;  579     1178  2              CH$MOVE (2, UPLIT BYTE(1, 12), .EDT$$A_US_ENT [3])
;  580     1179  2          ELSE
;  581     1180  3              BEGIN
;  582     1181  3              EDT$$FMT_MSG (EDT$_INSMEM);
;  583     1182  3              RETURN (3);
;  584     1183  3              END;
;  585     1184  2
;  586     1185  2      !+
;  587     1186  2      ! Save the terminal width gotten from the operating system
;  588     1187  2      !-
;  589     1188  2          EDT$$G_SAV_TIWID = .EDT$$G_TI_WID;
;  590     1189  2      !+
;  591     1190  2      ! Open the workfile.  If it fails, abort.
;  592     1191  2      !-
;  593     1192  2          EDT$$CALLWIO (EDT$K_OPEN_IN_OUT, 0, 0);
;  594     1193  2      !+
;  595     1194  2      ! Open the paste text buffer.
;  596     1195  2      !-
;  597     1196  2
;  598     1197  3          IF ( NOT EDT$$FND_BUF (UPLIT BYTE('PASTE'), 5))
;  599     1198  2          THEN
;  600     1199  3              BEGIN
;  601     1200  3              EDT$$FMT_MSG (EDT$_INSMEM);
;  602     1201  3              RETURN (3);
;  603     1202  3              END;
;  604     1203  2
;  605     1204  2          EDT$$A_PST_BUF = .EDT$$A_CUR_BUF;
;  606     1205  2      !+
;  607     1206  2      ! And the MAIN text buffer.
;  608     1207  2      !-
;  609     1208  2
;  610     1209  3          IF ( NOT EDT$$GET_BUFPTR (UPLIT BYTE('MAIN'), 4, EDT$$A_CUR_BUF, NEW))
;  611     1210  2          THEN
;  612     1211  3              BEGIN
```

```
;  613          1212  3          EDT$$FMT_MSG (EDT$_INSMEM);
;  614          1213  3          RETURN (3);
;  615          1214  3          END;
;  616          1215  3
;  617          1216  3      EDT$$A_PRV_BUF = .EDT$$A_CUR_BUF;
;  618          1217  3
;  619          1218  3      IF .EDT$$G_INPUT_OPN THEN EDT$$A_CUR_BUF [TBCB_INPUT_RAB] = 1;
;  620          1219  3
;  621          1220  3      EDT$$NEW_BUF ();
;  622          1221  3  !+
;  623          1222  3  ! If no output file has been specified, defer the 'non standard' message
;  624          1223  3  ! until the first WRITE or EXIT command.
;  625          1224  3  !-
;  626          1225  3
;  627          1226  3      IF ((.RETURN_VALUE EQL 2) AND ((.EDT$$V_OPTIONS AND EDT$M_NOOUTPUT) NEQ 0))
;  628          1227  3      THEN
;  629          1228  3          BEGIN
;  630          1229  3          RETURN_VALUE = 1;
;  631          1230  3          EDT$$G_WRITE_MSG = EDT$_NONSTDFIL;
;  632          1231  3          END
;  633          1232  3      ELSE
;  634          1233  3          BEGIN
;  635          1234  3          EDT$$G_WRITE_MSG = 1;
;  636          1235  3          END;
;  637          1236  3
;  638          1237  3  !+
;  639          1238  3  ! On VMS deallocate the dynamic descriptors
;  640          1239  3  !-
;  641          1240  3
;  642        L 1241  3  %IF %BLISS (BLISS32)
;  643          1242  3  %THEN
;  644          1243  3      STR$FREE1_DX (FILE_DESC);
;  645          1244  3      STR$FREE1_DX (RHB_DESC);
;  646          1245  3  %FI
;  647          1246  3
;  648          1247  3      RETURN (.RETURN_VALUE);
;  649          1248  1      END;                                    ! of routine EDT$$INIT

                                                        .TITLE  EDT$INIT EDT$INIT - initialize
                                                        .IDENT  \V04-000\

                                                        .PSECT  _EDT$CODE,NOWRT,  SHR,  PIC,2

                                        0A  0D  03  00000 P.AAA:  .BYTE   3, 13, 10                                     ;
                                                2A  00003        .ASCII  \*\                                            ;
                                                00  00004 P.AAB: .BYTE   0                                              ;
                                                00  00005 P.AAC: .BYTE   0                                              ;
                                        0A  0D  04  00006 P.AAD: .BYTE   4, 13, 10                                      ;
                                                43  00009        .ASCII  \C\                                            ;
                                                2A  0000A        .ASCII  \*\                                            ;
                                        0A  0D  0E  0000B P.AAE: .BYTE   14, 13, 10                                     ;
    20  20  20  20  20  20  20  20  20  20  20  20  20  0000E        .ASCII  \             \                                ;
                                        0A  0D  02  0001A P.AAF: .BYTE   2, 13, 10                                      ;
                                        0A  0D  03  0001D P.AAG: .BYTE   3, 13, 10                                      ;
                                                3F  00020        .ASCII  \?\                                            ;
                                                05  00021 P.AAH: .BYTE   5                                              ;
```

```
                        5D  42  4F  45  5B  00022                .ASCII  \[EOB]\
                                        04  00027 P.AAI:        .BYTE   4
                            3E  46  46  3C  00028               .ASCII  \<FF>\
                                        06  0002C P.AAJ:        .BYTE   6
                                        20  0002D                .ASCII  \ \
                        0D  0C  0B  0A  09  0002E               .BYTE   9, 10, 11, 12, 13
                                        03  00033 P.AAK:        .BYTE   3
                                        2E  00034               .ASCII  \.\
                                        21  00035               .ASCII  \!\
                                        3F  00036               .ASCII  \?\
                            0D  0D      02  00037 P.AAL:        .BYTE   2, 13, 13
                                0C      01  0003A P.AAM:        .BYTE   1, 12
                        45  54  53  41  50  0003C P.AAN:        .ASCII  \PASTE\
                            4E  49  41  4D  00041 P.AAO:        .ASCII  \MAIN\

                                        .EXTRN  EDT$$CALLWIO, EDT$$CALLFIO
                                        .EXTRN  EDT$$FMT_MSG, EDT$$FATAL_IOERR
                                        .EXTRN  EDT$$TI_OPN, EDT$$ALO_HEAP
                                        .EXTRN  EDT$$GET_BUFPTR
                                        .EXTRN  EDT$$FND_BUF, EDT$$NEW_BUF
                                        .EXTRN  EDT$$CLR_CC, EDT$$FIOPN_ERR
                                        .EXTRN  EDT$$INIT_IO, EDT$M_RECOVER
                                        .EXTRN  EDT$M_NOOUTPUT, EDT$M_NOCREATE
                                        .EXTRN  EDT$K_OPEN_IN_OUT
                                        .EXTRN  EDT$K_OPEN_INPUT
                                        .EXTRN  EDT$K_INPUT_FILE
                                        .EXTRN  STR$FREE1_DX, EDT$$G_TOP_SCREG
                                        .EXTRN  EDT$$G_BOT_SCREG
                                        .EXTRN  EDT$$L_LNO_EMPTY
                                        .EXTRN  EDT$$L_TOP_LN, EDT$$A_EOB_SCRPTR
                                        .EXTRN  EDT$$A_FST_SCRPTR
                                        .EXTRN  EDT$$G_LASTMSG, EDT$$G_INPUT_OPN
                                        .EXTRN  EDT$$G_CMD_OPN, EDT$$A_CUR_BUF
                                        .EXTRN  EDT$$A_INP_NAM, EDT$$G_HELP_SET
                                        .EXTRN  EDT$$G_INP_NAMLEN
                                        .EXTRN  EDT$$A_PRV_BUF, EDT$$A_PST_BUF
                                        .EXTRN  EDT$$G_EDIT_MOD
                                        .EXTRN  EDT$$A_SEL_BUF, EDT$$A_OLD_SEL
                                        .EXTRN  EDT$$G_EDIT_DFLTMOD
                                        .EXTRN  EDT$$G_SAV_CNT, EDT$$G_EXITD
                                        .EXTRN  EDT$$A_OUT_NAM, EDT$$G_PRV_LN
                                        .EXTRN  EDT$$A_TIN_IBUFPTR
                                        .EXTRN  EDT$$G_OUT_NAMLEN
                                        .EXTRN  EDT$$A_CMD_NAM, EDT$$G_NOS
                                        .EXTRN  EDT$$G_CAS_FLG, EDT$$G_EXCT_MATCH
                                        .EXTRN  EDT$$G_SEA_BEG, EDT$$G_SEA_BNDD
                                        .EXTRN  EDT$$G_QUIET, EDT$$G_RPT
                                        .EXTRN  EDT$$G_FNF_MSGFLG
                                        .EXTRN  EDT$$G_VFY, EDT$$G_TRUN
                                        .EXTRN  EDT$$G_TI_WID, EDT$$G_SAV_TIWID
                                        .EXTRN  EDT$$A_BUF_LST, EDT$$G_KPAD
                                        .EXTRN  EDT$$G_WD_WRAP, EDT$$G_SCLL_TOP
                                        .EXTRN  EDT$$G_SCLL_BOT
                                        .EXTRN  EDT$$G_SCR_CNS, EDT$$G_CS_LNO
                                        .EXTRN  EDT$$G_SCR_REBUILD
                                        .EXTRN  EDT$$G_RECS_INSERTED
                                        .EXTRN  EDT$$A_US_ENT, EDT$$A_US_TXT
```

```
                                                .EXTRN  EDT$$G_TXT_ONSCR
                                                .EXTRN  EDT$$G_INP_CNT, EDT$$G_RCOV_MOD
                                                .EXTRN  EDT$$G_SHF, EDT$$G_TAB_SIZ
                                                .EXTRN  EDT$$G_TAB_LVL, EDT$$G_LN_CHGD
                                                .EXTRN  EDT$$G_MSGFLG, EDT$$G_DIR_MOD
                                                .EXTRN  EDT$$A_SEL_POS, EDT$$G_DFLT_VERB
                                                .EXTRN  EDT$$G_SUMRY, EDT$$G_WRDTYP
                                                .EXTRN  EDT$$G_PARTYP, EDT$$G_TRN_TBLINIT
                                                .EXTRN  EDT$$G_K_AUTRPT
                                                .EXTRN  EDT$$G_RDAHED, EDT$$G_WK_AVAIL
                                                .EXTRN  EDT$$G_WK_CURBUK
                                                .EXTRN  EDT$$G_WK_GRTSTBUK
                                                .EXTRN  EDT$$G_WK_MODFD
                                                .EXTRN  EDT$$A_FMT_CUR, EDT$$G_FMT_LNPOS
                                                .EXTRN  EDT$$A_FMT_WRRUT
                                                .EXTRN  EDT$$G_PA_ABO, EDT$$A_PA_CURTOK
                                                .EXTRN  EDT$$G_PA_NOQUO
                                                .EXTRN  EDT$$G_TIN_OBUFPOS
                                                .EXTRN  EDT$$G_SEA_STRLEN
                                                .EXTRN  EDT$$G_SUB_STRLEN
                                                .EXTRN  EDT$$T_PMT_LINE
                                                .EXTRN  EDT$$T_PMT_KPD, EDT$$T_PMT_NOKPD
                                                .EXTRN  EDT$$T_PMT_HCCHG
                                                .EXTRN  EDT$$T_PMT_INS, EDT$$T_PMT_INSN
                                                .EXTRN  EDT$$T_PMT_QUERY
                                                .EXTRN  EDT$$T_FMT_BUF, EDT$$TI_WRLN
                                                .EXTRN  EDT$$T_CMD_BUF, EDT$$G_IOFI_NFND
                                                .EXTRN  EDT$$Z_WF_DESC, EDT$$V_OPTIONS
                                                .EXTRN  EDT$$G_JOO_VALID
                                                .EXTRN  EDT$$A_TRN_TBL, EDT$$G_RECSCRUPD
                                                .EXTRN  EDT$$G_WRITE_MSG
                                                .EXTRN  EDT$_INSMEM, EDT$_INPFILOPN
                                                .EXTRN  EDT$_NONSTDFIL, STR$COPY_R

                        0FFC 00000      .ENTRY  EDT$$INIT, Save R2,R3,R4,R5,R6,R7,R8,R9,-        ; 0758
                                                R10,R11
                     5B 00000000G   00  9E 00002    MOVAB   EDT$$V_OPTIONS, R11                  ;
                     5A 00000000G   00  9E 00009    MOVAB   EDT$$A_US_TXT, R10                   ;
                     59 00000000G   00  9E 00010    MOVAB   EDT$$A_CO_HEAP, R9                   ;
                     58       A1    AF  9E 00017    MOVAB   P.AAA, R8                            ;
                     57 00000000G   00  9E 0001B    MOVAB   EDT$$A_US_ENT, R7                    ;
                     5E             20  C2 00022    SUBL2   #32, SP                              ;
                     56             01  D0 00025    MOVL    #1, RETURN_VALUE                     ; 0943
           00000000G   00 010E0200  8F  D0 00028    MOVL    #17695232, EDT$$Z_WF_DESC            ; 0960
                   18  AE 020E0000  8F  D0 00033    MOVL    #34471936, FILE_DESC                 ; 0962
                   10  AE 020E0000  8F  D0 0003B    MOVL    #34471936, RHB_DESC                  ; 0964
                      00000000G    00  D4 00043    CLRL    EDT$$Z_WF_DESC+4                     ; 0959
                             1C    AE  D4 00049    CLRL    FILE_DESC+4                          ; 0961
                             14    AE  D4 0004C    CLRL    RHB_DESC+4                           ; 0963
00000000G   00 00000000G   00        06  28 0004F    MOVC3   #6, EDT$$L_LNO_EMPTY, EDT$$L_TOP_LN  ; 0968
                      00000000G    00  D4 0005B    CLRL    EDT$$A_FST_SCRPTR                    ; 0969
                      00000000G    00  D4 00061    CLRL    EDT$$A_EOB_SCRPTR                    ; 0970
           00000000G   00             01  D0 00067    MOVL    #1, EDT$$G_LASTMSG                   ; 0971
                      00000000G    00  D4 0006E    CLRL    EDT$$A_SEL_BUF                       ; 0972
                      00000000G    00  D4 00074    CLRL    EDT$$A_OLD_SEL                       ; 0973
                                   50  D4 0007A    CLRL    R0                                   ; 0974
           00000000G   8F           6B  D3 0007C    BITL    EDT$$V_OPTIONS, #EDT$M_RECOVER       ;
```

```
                                 02  13 00083          BEQL    1$                                                          ;
                                 50  D6 00085          INCL    R0                                                          ;
                 00000000G   00      50  D0 00087 1$:   MOVL    R0, EDT$$G_RCOV_MOD                                         ;
                             00000000G   00  D4 0008E          CLRL    EDT$$G_RECSCRUPD                                    ; 0975
                 00000000G   00          01  D0 00094          MOVL    #1, EDT$$G_EDIT_MOD                                 ; 0976
                             00000000G   00  D4 0009B          CLRL    EDT$$G_CMD_OPN                                      ; 0977
                 00000000G   00          01  D0 000A1          MOVL    #1, EDT$$G_EDIT_DFLTMOD                             ; 0978
                 00000000G   00          03  D0 000A8          MOVL    #3, EDT$$G_SAV_CNT                                  ; 0979
                             00000000G   00  D4 000AF          CLRL    EDT$$G_HELP_SET                                     ; 0980
                             00000000G   00  D4 000B5          CLRL    EDT$$G_EXITB                                        ; 0981
                 00000000G   00          01  D0 000BB          MOVL    #1, EDT$$G_NOS                                      ; 0982
                             00000000G   00  D4 000C2          CLRL    EDT$$G_CAS_FLG                                      ; 0983
                             00000000G   00  D4 000C8          CLRL    EDT$$G_EXCT_MATCH                                   ; 0984
                 00000000G   00          01  D0 000CE          MOVL    #1, EDT$$G_SEA_BEG                                  ; 0985
                             00000000G   00  D4 000D5          CLRL    EDT$$G_SEA_BNDB                                     ; 0986
                             00000000G   00  D4 000DB          CLRL    EDT$$G_QUIET                                        ; 0987
                 00000000G   00          01  D0 000E1          MOVL    #1, EDT$$G_RPT                                      ; 0988
                             00000000G   00  D4 000E8          CLRL    EDT$$G_VFY                                          ; 0989
                 00000000G   00          01  D0 000EE          MOVL    #1, EDT$$G_TRUN                                     ; 0990
                 00000000G   00      50  8F 9A 000F5          MOVZBL  #80, EDT$$G_TI_WID                                  ; 0991
                             00000000G   00  D4 000FD          CLRL    EDT$$A_BUF_LST                                      ; 0992
                 00000000G   00          01  D0 00103          MOVL    #1, EDT$$G_KPAD                                     ; 0993
                 00000000G   00    0100  8F 3C 0010A          MOVZWL  #256, EDT$$G_WD_WRAP                                ; 0994
                 00000000G   00          07  D0 00113          MOVL    #7, EDT$$G_SCLL_TOP                                 ; 0995
                 00000000G   00          0E  D0 0011A          MOVL    #14, EDT$$G_SCLL_BOT                                ; 0996
                 00000000G   00          16  D0 00121          MOVL    #22, EDT$$G_SCR_LNS                                 ; 0997
                 00000000G   00      63  8F 9A 00128          MOVZBL  #99, EDT$$G_TOP_SCREG                               ; 1002
                 00000000G   00      63  8F 9A 00130          MOVZBL  #99, EDT$$G_BOT_SCREG                               ; 1003
                             00000000G   00  D4 00138          CLRL    EDT$$G_RECS_INSERTED                                ; 1004
                 00000000G   00          01  D0 0013E          MOVL    #1, EDT$$G_SCR_REBUILD                              ; 1005
                 00000000G   00          01  CE 00145          MNEGL   #1, EDT$$G_CS_LNO                                   ; 1006
                             00000000G   00  D4 0014C          CLRL    EDT$$G_TXT_ONSCR                                    ; 1007
                             00000000G   00  D4 00152          CLRL    EDT$$G_INP_CNT                                      ; 1008
                             00000000G   00  D4 00158          CLRL    EDT$$G_SHF                                          ; 1009
                             00000000G   00  D4 0015E          CLRL    EDT$$G_TAB_LVL                                      ; 1010
                             00000000G   00  D4 00164          CLRL    EDT$$G_TAB_SIZ                                      ; 1011
                             00000000G   00  D4 0016A          CLRL    EDT$$G_LN_CHGD                                      ; 1012
                             00000000G   00  D4 00170          CLRL    EDT$$G_MSGFLG                                       ; 1013
                 00000000G   00          01  D0 00176          MOVL    #1, EDT$$G_DIR_MOD                                  ; 1014
                 00000000G   00    03E7  8F 3C 0017D          MOVZWL  #999, EDT$$G_PRV_LN                                 ; 1015
                 00000000G   00          01  CE 00186          MNEGL   #1, EDT$$A_SEL_POS                                  ; 1016
                             00000000G   00  D4 0018D          CLRL    EDT$$G_DFLT_VERB                                    ; 1020
                 00000000G   00          01  D0 00193          MOVL    #1, EDT$$G_SUMRY                                    ; 1021
                             00000000G   00  D4 0019A          CLRL    EDT$$G_WRDTYP                                       ; 1022
                 00000000G   00          01  D0 001A0          MOVL    #1, EDT$$G_PARTYP                                   ; 1023
                             00000000G   00  D4 001A7          CLRL    EDT$$G_TRN_TBLINIT                                  ; 1026
                 00000000G   00          01  D0 001AD          MOVL    #1, EDT$$G_K_AUTRPT                                 ; 1027
                             00000000G   00  D4 001B4          CLRL    EDT$$G_RDAHED                                       ; 1028
                             00000000G   00  D4 001BA          CLRL    EDT$$G_WK_AVAIL                                     ; 1029
                             00000000G   00  D4 001C0          CLRL    EDT$$G_WK_CURBUK                                    ; 1030
                 00000000G   00          01  D0 001C6          MOVL    #1, EDT$$G_WK_GRTSTBUK                              ; 1031
                             00000000G   00  D4 001CD          CLRL    EDT$$G_WK_MODFD                                     ; 1032
                             00000000G   00  D4 001D3          CLRL    EDT$$G_FMT_LNPOS                                    ; 1033
                             00000000G   00  D4 001D9          CLRL    EDT$$G_PA_ABO                                       ; 1034
                 00000000G   00  00000000G   00  9E 001DF          MOVAB   EDT$$T_CMD_BUF, EDT$$A_PA_CURTOK            ; 1035
                             00000000G   00  D4 001EA          CLRL    EDT$$G_PA_NOQUO                                     ; 1036
                             00000000G   00  D4 001F0          CLRL    EDT$$G_TIN_OBUFPOS                                  ; 1037
```

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                                00000000G  00   D4  001F6          CLRL    EDT$$A_TIN_IBUFPTR                              ; 1038
                                00000000G  00   D4  001FC          CLRL    EDT$$G_SEA_STRLEN                               ; 1039
                                00000000G  00   D4  00202          CLRL    EDT$$G_SUB_STRLEN                               ; 1040
                                00000000G  00   D4  00208          CLRL    EDT$$G_JOU_VALID                                ; 1041
                                           50   D4  0020E          CLRL    I                                               ; 1046
                                00000000G00040  D4  00210 2$:      CLRL    EDT$$A_TRN_TBL[I]                               ; 1047
                          F1          50 000000C6  8F  F3  00217          AOBLEQ  #198, I, 2$
                     00000000G  00                 00  FB  0021F          CALLS   #0, EDT$$INIT_IO                        ; 1052
                     00000000G  00                 00  FB  00226          CALLS   #0, EDT$$TI_OPN                         ; 1056
                                00000000G  00      D4  0022D          CLRL    EDT$$G_INPUT_OPN                        ; 1060
                     00000000G  00                 01  D0  00233          MOVL    #1, EDT$$G_FNF_MSGFLG                   ; 1061
                     00000000G  00 00000000G  00   9E  0023A          MOVAB   EDT$$T_FMT_BUF, EDT$$A_FMT_CUR          ; 1062
                     00000000G  00 00000000G  00   9E  00245          MOVAB   EDT$$TI_WRTN, EDT$$A_FMT_WRRUT          ; 1063
                     00000000G  00                 00  FB  00250          CALLS   #0, EDT$$CLR_CC                         ; 1064
                                                   6E  7C  00257          CLRQ    RHB_ADDR                                ; 1075
                                                   5E  DD  00259          PUSHL   SP                                      ; 1076
                                             08    AE  9F  0025B          PUSHAB  RHB_LEN
                                             18    AE  9F  0025E          PUSHAB  RHB_DESC
                     00000000G  00                 03  FB  00261          CALLS   #3, STR$COPY_R
                                00000000G  00      DD  00268          PUSHL   EDT$$A_INP_NAM                          ; 1077
                                00000000G  00      9F  0026E          PUSHAB  EDT$$G_INP_NAMLEN
                                             20    AE  9F  00274          PUSHAB  FILE_DESC
                     00000000G  00                 03  FB  00277          CALLS   #3, STR$COPY_R
                                             10    AE  9F  0027E          PUSHAB  RHB_DESC                                ; 1078
                                             1C    AE  9F  00281          PUSHAB  FILE_DESC
                                00000000G  8F      DD  00284          PUSHL   #EDT$K_INPUT_FILE
                                00000000G  8F      DD  0028A          PUSHL   #EDT$K_OPEN_INPUT
                     00000000G  00                 04  FB  00290          CALLS   #4, EDT$$CALLFIO
                                33                 50  E8  00297          BLBS    IO_STS, 4$                              ; 1080
                     00000000G  8F                 50  D1  0029A          CMPL    IO_STS, #EDT$_NONSTDFIL
                                                   2A  13  002A1          BEQL    4$
                                          0E 00000000G  00  E9  002A3          BLBC    EDT$$G_IOFI_NFND, 3$                    ; 1084
                                                   56  D4  002AA          CLRL    RETURN_VALUE                            ; 1087
                     00000000G  8F                 6B  D3  002AC          BITL    EDT$$V_OPTIONS, #EDT$M_NOCREATE         ; 1089
                                                   2B  13  002B3          BEQL    5$
                                              01B1     31  002B5          BRW     13$
                                             18    AE  9F  002B8 3$:      PUSHAB  FILE_DESC                               ; 1094
                                00000000G  8F      DD  002BB          PUSHL   #EDT$_INPFILOPN
                     00000000G  00                 02  FB  002C1          CALLS   #2, EDT$$FIOPN_ERR
                                56                 03  D0  002C8          MOVL    #3, RETURN_VALUE                        ; 1095
                                                   13  11  002CB          BRB     5$                                      ; 1080
                     00000000G  00                 01  D0  002CD 4$:      MOVL    #1, EDT$$G_INPUT_OPN                    ; 1101
                     00000000G  8F                 50  D1  002D4          CMPL    IO_STS, #EDT$_NORSTDFIL                 ; 1103
                                                   03  12  002DB          BNEQ    5$
                                56                 02  D0  002DD          MOVL    #2, RETURN_VALUE
                     00000000G  00                 68  D0  002E0 5$:      MOVL    P.AAA, EDT$$T_PMT_LINE                  ; 1109
                     00000000G  00           04    A8  90  002E7          MOVB    P.AAB, EDT$$T_PMT_KPD                   ; 1110
                     00000000G  00           05    A8  90  002EF          MOVB    P.AAC, EDT$$T_PMT_NOKPD                 ; 1111
               00000000G  00           06    A8  05  28  002F7          MOVC3   #5, P.AAD, EDT$$T_PMT_HCCHG             ; 1112
               00000000G  00           0B    A8  0F  28  00300          MOVC3   #15, P.AAE, EDT$$T_PMT_INS              ; 1113
00000000G  00                 18       00    1A  A8  F0  00309          INSV    P.AAF, #0, #24, EDT$$T_PMT_INSN         ; 1114
                     00000000G  00           1D    A8  D0  00313          MOVL    P.AAG, EDT$$T_PMT_QUERY                 ; 1115
                                      08    AE       06  D0  0031B          MOVL    #6, LEN                                 ; 1119
                                                   5A  DD  0031F          PUSHL   R10                                     ; 1121
                                             0C    AE  9F  00321          PUSHAB  LEN
                                                   69  FB  00324          CALLS   #2, EDT$$ALO_HEAP
                                                   7A  50  E9  00327          BLBC    R0, 6$                                  ;
```

```
                                                
```

```
                00000000G  00                    50  D0 00413          MOVL    R0, EDT$$A_PRV_BUF                          ;
                           04 00000000G          00  E9 0041A          BLBC    EDT$$G_INPUT_OPN, 10$                       ; 1218
                        2A AO                    01  90 00421          MOVB    #1, 42(R0)                                  ;
                00000000G  00                    00  FB 00425 10$:      CALLS   #0, EDT$$NEW_BUF                            ; 1220
                           02                    56  D1 0042C          CMPL    RETURN_VALUE, #2                            ; 1226
                                                 19  12 0042F          BNEQ    11$                                         ;
                00000000G  8F                    6B  D3 00431          BITL    EDT$$V_OPTIONS, #EDT$M_NOOUTPUT             ;
                                                 10  13 00438          BEQL    11$                                         ;
                           56                    01  D0 0043A          MOVL    #1, RETURN_VALUE                            ; 1229
                00000000G  00 00000000G          8F  D0 0043D          MOVL    #EDT$_NONSTDFIL, EDT$$G_WRITE_MSG           ; 1230
                                                 07  11 00448          BRB     12$                                         ; 1226
                00000000G  00                    01  D0 0044A 11$:      MOVL    #1, EDT$$G_WRITE_MSG                        ; 1234
                                       18        AE  9F 00451 12$:      PUSHAB  FILE_DESC                                   ; 1243
                00000000G  00                    01  FB 00454          CALLS   #1, STR$FREE1_DX                            ;
                                       10        AE  9F 0045B          PUSHAB  RHB_DESC                                    ; 1244
                00000000G  00                    01  FB 0045E          CALLS   #1, STR$FREE1_DX                            ;
                           50                    56  D0 00465          MOVL    RETURN_VALUE, R0                            ; 1247
                                                 04  00468          RET                                                 ;
                                                 50  D4 00469 13$:      CLRL    R0                                          ; 1248
                                                     04 0046B          RET                                                 ;

; Routine Size:  1132 bytes,    Routine Base:  _EDT$CODE + 0045

;  650          1249  1
;  651          1250  1 !<BLF/PAGE>
```

```
;  653          1251  1 END                          ! of module EDT$INIT
;  654          1252  1
;  655          1253  0 ELUDOM
```

```
;                                PSECT SUMMARY
;
;      Name                      Bytes                      Attributes
;
;  _EDT$CODE                       1201  NOVEC,NOWRT,  RD ,  EXE,  SHR,  LCL,  REL,  CON,  PIC,ALIGN(2)
```

```
;                              Library Statistics
;                                        -------- Symbols --------      Pages       Processing
;      File                              Total    Loaded   Percent      Mapped      Time
;
;  _$255$DUA28:[EDT.SRC]EDT.L32;1          377        33         8          40      00:00.2
;  _$255$DUA28:[EDT.SRC]PSECTS.L32;1         2         1        50           7      00:00.1
;  _$255$DUA28:[SYSLIB]STARLET.L32;1      9776         7         0         581      00:04.0
;  _$255$DUA28:[EDT.SRC]SUPPORTS.L32;1       2         1        50           5      00:00.1
;  _$255$DUA28:[EDT.SRC]KEYPADDEF.L32;1     34         1         2           7      00:00.2
```

```
;                                   COMMAND QUALIFIERS

;       BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:INIT/OBJ=OBJ$:INIT MSRC$:INIT.BLI/UPDATE=(ENH$:INIT)

; Size:          1132 code + 69 data bytes
; Run Time:        01:21.2
; Elapsed Time:    01:38.6
; Lines/CPU Min:     926
; Lexemes/CPU-Min:  3416
; Memory Used:  290 pages
; Compilation Complete
```

**F

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FPUTMES
LIS

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FSTRING
LIS

INPUT
LIS

FIXNOTRUM
LIS

HELP
LIS